

To: Daly, Eric[Daly.Eric@epa.gov]
From: David Anderson
Sent: Tue 8/16/2016 4:13:08 PM
Subject: Re: USEPA-Ludlum 3030

Hi Eric

I finished and sent your 3030 to QC yesterday. I will go look for it.
You can also tell Renee the new shipping address when she calls you.

David

On 8/16/2016 9:40 AM, Daly, Eric wrote:

> Good Morning:

>

> I am looking to find out the status of our repair invoice and shipment of our Ludlum 3030.

>

> Also, can you please change the shipping address and have the unit delivered directly to me at my site?

> Please ship to:

> USEPA

> C/O Eric Daly

> 9626 Niagara Falls Boulevard

> Niagara Falls, NY 14304

>

> Thanks

> -----Original Message-----

> From: Daly, Eric

> Sent: Friday, August 12, 2016 3:44 PM

> To: 'David Anderson' <danderson@ludlums.com>

> Subject: RE: USEPA-Ludlum 3030

>

> Hi David:

>

> I spoke with Rolli Kentu. We went over the planchette issues. It's like a 5 month old mystery unraveling. It appears Ludlum will send us the planchette holder with the thinner lip as well as the standard one that was with our unit.

> Did the unit pass all QC and calibration? If so, please forward me the invoice.

>

> Also, can you please change the shipping address and have the unit delivered directly to me at my site?

> Please ship to:

> USEPA

> C/O Eric Daly

> 9626 Niagara Falls Boulevard

> Niagara Falls, NY 14304

>

>

> Thanks

> -----Original Message-----

> From: David Anderson [mailto:danderson@ludlums.com]

> Sent: Friday, August 12, 2016 12:22 PM

> To: Daly, Eric <Daly.Eric@epa.gov>

> Subject: Re: USEPA-Ludlum 3030

>

> Hi Eric

>

> My engineer isn't convinced that we didn't let some defective planchettes that were stamped with a dull die get out. If you want I can send you a new planchettet holder and some new planchettes.

>

> David

>

>

> On 8/12/2016 10:02 AM, Daly, Eric wrote:

>> Thanks. Please send me an electronic invoice so I can start the processing.

>>

>> -----Original Message-----

>> From: David Anderson [mailto:danderson@ludlums.com]

>> Sent: Friday, August 12, 2016 10:24 AM

>> To: Daly, Eric <Daly.Eric@epa.gov>

>> Subject: Re: USEPA-Ludlum 3030

>>

>> Hi Eric

>>

>> I found out that we have in the past made a slightly larger planchette holder, we have a record of selling 3 of them. It is likely these were made for other manufacturer's instruments. Unless you have 100s of the planchettes with tapered edges to use up I would stick with ours.

>>

>> Your 3030 never failed to latch for me, but I did notice that the latch knob was cracked, I have replaced it. It is possible that the knob was slipping on the shaft instead of turning it, with the tray unlatched there won't be any counts because the high voltage to the detector is turned off. This would explain the audio problem, you wouldn't hear any counts without the detector being energized. This would also explain the overload you were seeing, probably in the latch position the tray wasn't really latched.

>>

>> All I have to do now is to run another QC check, if it it passes your

>> 3030 will be ready to go.

>>

>> David

>>

>>

>> On 8/11/2016 4:17 PM, Daly, Eric wrote:

>>> But that doesn't explain why those other manufactured planchettes fit in one of your Ludlum holders and not the other. We did not purchase a holder from another manufacturer.

>>>

>>> So there is no repairs being made to the latching device on the 3030? You seem to be finding other minor problems but we were having major issues. We could not turn the knob and get an audible sound indicating the sources were not being read.

>>>

>>> -----Original Message-----

>>> From: David Anderson [mailto:danderson@ludlums.com]

>>> Sent: Thursday, August 11, 2016 4:44 PM

>>> To: Daly, Eric <Daly.Eric@epa.gov>

>>> Subject: Re: USEPA-Ludlum 3030

>>>

>>> Hi Eric

>>>

>>> The planchette holder in the second picture looks identical to the one that we sell, but the planchette looks like it was manufactured by someone else. The planchettes we make have vertical edges where in the one in the photo has tapered edges.

>>>

>>> I have removed and replaced the cement on the detector assembly that was cracked.

>>>

>>> David

>>>
>>>
>>> On 8/11/2016 12:04 PM, Daly, Eric wrote:
>>>> Hi David.
>>>>
>>>> This is all very strange since we couldn't close the latch properly or get a consistent QC to pass.?
>>>>
>>>> The holders we have for each unit are definitely different. You should have the one that we were
having issues with. You are saying your planchettes fit fine and do not have issues? See photos
attached.
>>>>
>>>>
>>>>
>>>> -----Original Message-----
>>>> From: David Anderson [mailto:danderson@ludlums.com]
>>>> Sent: Thursday, August 11, 2016 12:55 PM
>>>> To: Daly, Eric <Daly.Eric@epa.gov>
>>>> Subject: Re: USEPA-Ludlum 3030
>>>>
>>>> Hi Eric
>>>>
>>>> Most of your 3030 checks good. The plateau was good, the efficiency for alpha and beta are good.
The audio is normal. I only saw an overload with the with the tray unlatched.
>>>>
>>>> I did find the high voltage too high at 800V. I found that 675V is the optimal.
>>>>
>>>> The negative battery lug was missing, I replaced it. The cement attaching the upper part of the
detector to the lower part of the detector is cracked. I can have this chiseled out and replaced.
>>>>
>>>> The problem with the planchette holder I don't see. I remember seeing in the photos a planchette
holder with flared edges, we don't manufacture anything like that.
>>>>
>>>> Rollie says that he will call you and discuss it with you.
>>>>
>>>> David
>>>>
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